



Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/583,236
Filing Date	June 16, 2006
First Named Inventor	Zhu FURONG et al.
Art Unit	2879
Examiner Name	Not Assigned Schoolman
Attorney Docket Number	34018-1040

[illegible][illegible]

10/12/2007

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PTO/SB/08A (04-07)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	5
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Application Number	10/583,236
Filing Date	March 6, 2007
First Named Inventor	ZHU, Furong
Art Unit	2879
Examiner Name	Not Assigned Schoolman
Attorney Docket Number	34018

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/B.S./		EP 1 076 368 A2	02-14-2001	Eastman Kodak Company		
/B.S./		EP 1 160 891 A2	12-05-2001	Eastman Kodak Company		
/B.S./		EP 0 914 025 B1	04-10-2002	Eastman Kodak Company		
/B.S./		WO 03/050607 A1	06-19-2003	E Ink Corporation		

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/Brian Schoolman/

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		Art Unit	2879		
		Examiner Name	Not Assigned — Schoolman		
Sheet	2	of	5	Attorney Docket Number	34018-1040

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/B.S./		H. LIM et al., Flexible Organic Electroluminescent Devices Based on Fluorine-Containing Colorless Polyimide Substrates, Adv. Mater. 2002 September 16; 14(18): 1275-9.	
/B.S./		G. PARTHASARATHY et al., A Metal-Free Cathode for Organic Semiconductor Devices, Appl. Phys. Lett. 1998 April 27; 72(17): 2138-40.	
/B.S./		G. GU et al., A Metal-Free, Full-Color Stacked Organic Light-Emitting Device, Appl. Phys. Lett. 1999 January 11; 74(2): 305-7.	
/B.S./		D. MATHINE et al., Heterogeneously Integrated Organic Light-Emitting Diodes with Complementary Metal-Oxide-Silicon Circuitry, Appl. Phys. Lett. 2000 June 26, 76(26): 3849-51.	
/B.S./		A. KRASNOV, High-Contrast Organic Light-Emitting Diodes on Flexible Substrates, Appl. Phys. Lett. 2002 May 20, 80(20): 3853-5.	
/B.S./		M. LU et al., High-Efficiency Top-Emitting Organic Light-Emitting Devices, Appl. Phys. Lett. 2002 November 18, 81(21): 3921-3.	
/B.S./		T. DOBBERTIN et al., Inverted Top-Emitting Organic Light-Emitting Diodes Using Sputter-Deposited Anodes, Appl. Phys. Lett. 2003 January 13; 82(2): 284-6.	
/B.S./		H. RIEL et al., Phosphorescent Top-Emitting Organic Light-Emitting Devices with Improved Light Outcoupling, Appl. Phys. Lett. 2003 January 20, 82(3): 466-8.	
/B.S./		R. PAETZOLD et al., Performance of Flexible Polymeric Light-Emitting Diodes Under Bending Conditions, Appl. Phys. Lett. 2003 May 12, 82(19): 3342-4.	
/B.S./		S. LAI et al., Applications of Ytterbium in Organic Light-Emitting Devices as High Performance and Transparent Electrodes, Chem. Phys. Lett. 2002, 366(1-2): 128-33.	

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Attorney Docket Number	34018-1040

Sheet	3	of	5
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/B.S./		Z. CHEN ET AL., The Fracture of Brittle Thin Films on Compliant Substrates in Flexible Displays, Eng. Fract. Mech. 2002, 69(5): 597-603.	
/B.S./		Flexible OLEDs and PolyLEDs Displays, III-Vs Review 2003 May, 16(4): 23.	
/B.S./		G. GU et al., Transparent Stacked Organic Light-Emitting Devices. I. Design Principles and Transparent Compound Electrodes, J Appl. Phys. 1999 October 15, 86(8): 4067-75.	
/B.S./		P. BURROWS et al., Semitransparent Cathodes for Organic Light Emitting Devices, J Appl. Phys. 2000 March 15, 87(6): 3080-5.	
/B.S./		H. KIM et al., Effect of Film Thickness on the Properties of Indium Tin Oxide Thin Films, J Appl. Phys. 2000 November 15; 88(10): 6021-5.	
/B.S./		N. ISOMURA et al., Photoemission Spectroscopy of the Interface between Indium-Tin-Oxide and Copper Phthalocyanine for Transparent Organic Light-Emitting Devices, Jpn. J. Appl. Phys. 2001 October 1, 40 pt 2(10A): L1038-9.	
/B.S./		M. GROSS et al., Improving the Performance of Doped π -Conjugated Polymers for Use in Organic Light-Emitting Diodes, Nature 2000 June 8, 405(6787): 661-5.	
/B.S./		D. SWEATMAN, Organic Devices: A Review, Microelectronic Engineering Research Conference 2001.	
/B.S./		M. PFEIFFER et al., A Low Drive Voltage, Transparent, Metal-Free N-I-P Electrophosphorescent Light Emitting Diode, Organic Electronics 2003 June, 4(1): 21-6.	
/B.S./		I. LEUNG, Organic Light Emitting Devices, 2002 May 10.	

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Sheet 4 of 5

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/B.S./		J. ZHAO et al., A Bilayer Organic Light-Emitting Diode Using Flexible ITO Anode, Phys. Stat. Sol. (a) 2001 March, 184(1): 233-8.	
/B.S./		H. AZIZ et al., Degradation Mechanism of Small Molecule-Based Organic Light-Emitting Devices, Science 1999 March 19, 283(5409): 1900-2.	
/B.S./		X. ZHOU et al., High-Efficiency, Low-Voltage Stable Inverted Transparent Electrophosphorescent Organic Light-Emitting Diodes: Combining Electrically Doped Carrier Transport Layers and Iridium-Complex Doped Emissive Layer, Synthetic Metals 2003 April 4; 137(1): 1063-4.	
/B.S./		X. ZHOU et al., Inverted Transparent Multi-Layered Vacuum Deposited Organic Light-Emitting Diodes with Electrically Doped Carrier Transport Layers and Coumarin Doped Emissive Layer, Synthetic Metals 2003 June 2, 138(1): 193-6.	
/B.S./		P. RENDU et al., Cellulose Acetate and PVDC Used as Protective Layers for Organic Diodes, Synthetic Metals 2003 June 2, 138(1): 285-8.	
/B.S./		L. HUNG et al., Radiation Damage and Transmission Enhancement in Surface-Emitting Organic Light-Emitting Diodes, Thin Solid Films 2002 May 1, 410(1): 101-6.	
/B.S./		Y. TAK et al., Criteria for ITO (Indium-Tin-Oxide) Thin Film as the Bottom Electrode of an Organic Light-Emitting Diode, Thin Solid Films 2002 May 22, 411(1): 12-6.	
/B.S./		M. AUCH et al., Ultrathin Glass for Flexible OLED Application, Thin Solid Films 2002 September 30, 417(1): 47-50.	
/B.S./		H. KIM et al., Doped ZnO Thin Films as Anode Materials for Organic Light-Emitting Diodes, Thin Solid Films 2002 December 2, 420-1: 539-43.	
/B.S./		K. TAMANO et al., Enhancement of Hole Injection by Metal Anode in Organic Light-Emitting Diodes, Thin Solid Films 2003 August 22, 438-9: 182-6.	

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Sheet 5 of 5

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/B.S./		H. KAJII et al., Organic Light-Emitting Diode Fabricated on a Polymer Substrate for Optical Links, Thin Solid Films 2003 August 22, 438-9: 334-8.	

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